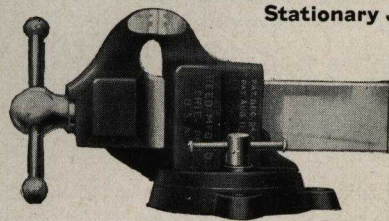
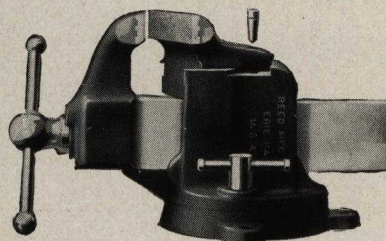


Reed Machinists' Vises**Stationary Jaw—Swivel Base**

Made of steel and iron mixture. Alloy steel jaw facings welded on. Screw and handle heat treated, high carbon alloy steel. Hardened and tempered. All parts interchangeable.

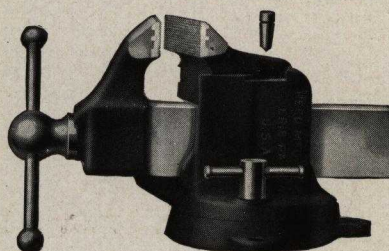
No.	Each	Width Jaw Inches	Jaws Open Inches	Wt. Lb.
203	\$13.00	3	4	27
203½	15.00	3½	5	38
204	17.00	4	6	51
204½	20.00	4½	7	66
205	30.00	5	8	89
206	52.00	6	10	153
208	98.00	8	12	278

Reed Machinists' Vises**Swivel Jaw—Swivel Base**

Made of steel and iron mixture. Alloy steel jaw facings welded on. Screw and handle heat treated, high carbon alloy steel. Hardened and tempered.

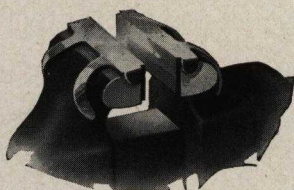
All parts interchangeable.

No.	Each	Width Jaw Inches	Jaws Open Inches	Wt. Lb.
403½	\$20.00	3½	4	43
404	24.00	4	4¾	58
404½	28.00	4½	5½	75
405	35.00	5	6½	98
406	60.00	6	9	164

Reed Toolmakers' or Filers' Vises**Swivel Jaw—Swivel Base**

Swivel jaw action is smooth, easy and automatic. Has tool steel jaw facings welded on; deep throat and high jaws for filing and fitting work.

No.	Each	Width Jaw, In.	Jaws Open, In.	Depth Opening, In.	Weight Pounds
414	\$24.00	4	4¾	3¾	57
414½	28.00	4½	5½	4¼	72
415	36.00	5	6¾	4¾	98

Reed Vise Jaw Caps

Made to protect fine work from milled faces of jaws of vises.

Fingers hold brass' clamps firmly in place so that they will not fall or jar off.

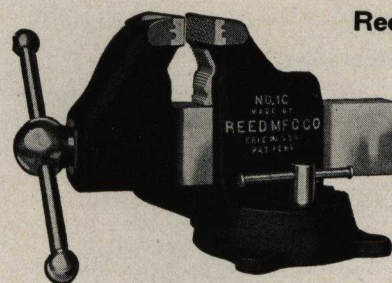
Give No. of vise and width of jaw.

Width Jaws..in.	3	3½	4	4½	5	5½	6
Per Pair.....	\$1.50	1.80	2.10	2.50	3.10	4.00	5.00

Reed Combination Pipe Vises**Swivel Base**

Designed for severe service.

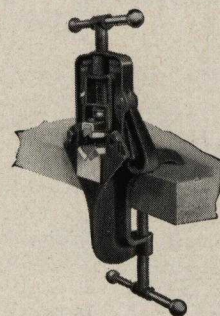
Pipe jaws, milled from solid tool steel bars, tempered in oil, do not extend beyond vise jaws and will not interfere when vise is used as a machinist's vise.



No.	1C	2C	3C	4C
Vises.....each	\$17.50	\$24.00	\$38.00	\$60.00
Jaws (2) per set	2.70	3.60	6.00	9.00
Holds Pipe...in.	½ to 2½	½ to 3½	¼ to 4½	¼ to 6
Width Jaw...in.	3½	4½	5	6
Weight....lbs.	54	83	120	185

Reed Long Jaw Clamp Pipe Vises

A self-locking vice heavy enough and strong enough for average work, yet sufficiently light to be carried in the kit with other tools.



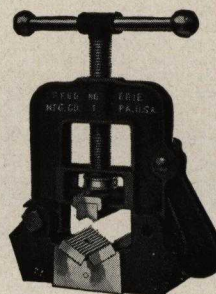
Long bearing pipe jaws eliminate marring, crushing, or bending the pipe. Can be clamped to a pipe as well as to a post or bench. The Nos. 10 and 11 clamp on 3½-inch pipe and the No. 100 on 2-inch pipe.

No.	100	10	11
Each.....	\$4.50	\$5.00	\$6.50
Set of 3 Jaws	1.50	1.80	1.80
Holds Pipe.....in.	½-1½	½-2	½-2½
Clamp Opening.....in.	2½	4	4
Weight...lb.	8½	12	14

Reed Long Jaw Pipe Vises

The long jaws eliminate the tendency to mar, end or crush any kind of pipe. The lower jaws are reversible, doubling their period of efficient service.

Equipped with positive devices for taking up wear. Has strong and convenient pipe bender.



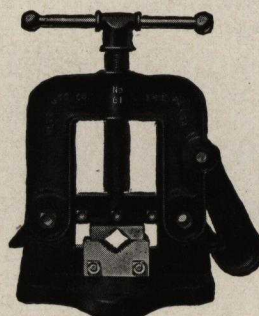
No.	Each	Jaws (3) per Set	Holds Pipe Inches	Weight Pounds
00	\$3.60	\$1.50	⅛ to 1½	6
0	4.25	1.80	⅛ to 2	8
1	5.00	1.80	⅛ to 2½	11
2	7.50	2.55	⅛ to 3½	18
3	11.00	3.60	⅛ to 4½	27

Reed Extra Heavy Pipe Vises**Large Capacity**

The pipe jaws are cut from fine tool steel bars. They are carefully tempered and each one is inspected.

The vise frame is made of certified malleable.

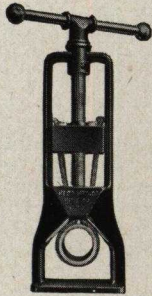
The base has a flat bottom and no apron so it can be mounted on any plain surface.



No.	Each	Jaws (3) per Set	Holds Pipe Inches	Weight Pounds
64	\$23.50	\$6.00	⅛ to 6	49
65	47.50	8.55	1 to 8	81
66	70.00	13.50	1½ to 12	163

No. 51 Reed Strap Vises

For Polished Pipe and Tubing



No separate bushing is required for each size because the vise has an adjustable strap. Change for different sizes is made instantly with tightening screw.

The straps are of fine grade webbing and are subject to very little wear in use. Rosin or chalk should be used to prevent slipping.

Holds pipe, $\frac{1}{8}$ to 2 inches.

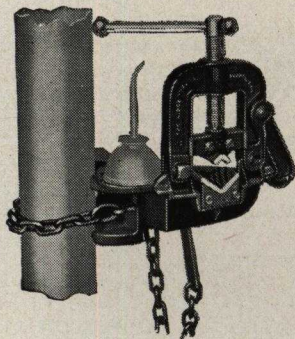
Length strap, 17 inches; width strap, $2\frac{1}{8}$ inches.

Weight, $9\frac{1}{2}$ pounds.

No. 51 Vise.....	each	\$4.00
Extra Strap.....	each	.75

No. P-Y-2 $\frac{1}{2}$ Ridgid Post Vises

Capacity $\frac{1}{8}$ to 2 $\frac{1}{2}$ Inches



Strong, special malleable metal frame. Hardened tool steel jaws.

No-Mar jaws. Handy pipe rest and pipe bender. Attached quickly to any post.

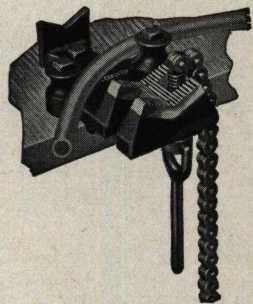
Chain and wrench fastened to vise. Handy dope pot and oil can holder.

Weight, 21 $\frac{1}{2}$ pounds.

No. P-Y-2 $\frac{1}{2}$each \$8.55

Ridgid Chain Bench Vises

Capacity, $\frac{1}{8}$ to 8 Inches



Handy and efficient.

Special malleable frame, jaws of high quality tool steel.

Has pipe rest and bender.

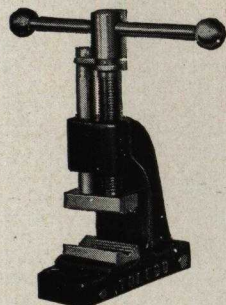
No.	Each	Cap. In.	Bending Cap. In.	Ship. Wt. Lb.
BC-2	\$3.85	$\frac{1}{8}$ -2 $\frac{1}{2}$	1	5 $\frac{1}{2}$
BC-4	8.25	$\frac{1}{4}$ -4	1	13 $\frac{1}{2}$
BC-5	11.00	$\frac{1}{4}$ -5	1	12
BC-6	14.85	$\frac{1}{2}$ -6	1	20 $\frac{1}{4}$
BC-8	19.80	$\frac{1}{2}$ -8	1 $\frac{1}{4}$	33 $\frac{1}{4}$

Toledo Open-Side Pipe Vises

Excellent for brass or copper pipe and for fitting make-up work. No need of unlatching and tipping back a yoke for long lengths of pipe. Operator simply slips pipe into open side and tightens down jaws.

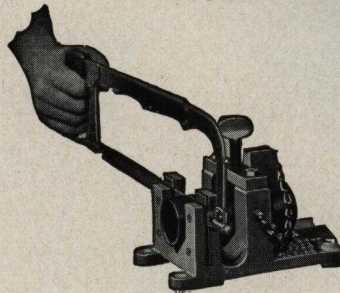
Full overlapping upper and lower jaws. Jaw construction permits working close to face of vise; jaws are easily replaced. Malleable iron frame; long, oversize handles.

Packed in individual cartons.



No.	Each	Lgh. Jaws In.	Cap. In.	Incl.	Ship. Wt. Lb.
00	\$2.85	2 $\frac{1}{4}$	$\frac{1}{8}$ -1 $\frac{1}{2}$	Incl.	6 $\frac{3}{4}$
0	3.60	2 $\frac{1}{2}$	$\frac{1}{8}$ -2 $\frac{1}{2}$	Incl.	12
3	8.40	3 $\frac{1}{4}$	$\frac{1}{8}$ -4 $\frac{1}{2}$	Incl.	27

Beaver Square-End Sawing Vises



No. 2

This tool is a combination vise and saw guide for cutting square ends on thin wall brass and copper tubing.

Will not mar nor crush tubing. Made with renewable steel inserts.

For use with hack saw; 32-point blades recommended.

Made of malleable iron.

No.	2	4
Each	\$6.50	15.00
For Tubing.....	in. $\frac{1}{8}$ to 2	$1\frac{1}{2}$ to 4
Shipping Weight.....	lb. 5	25

Williams' Vulcan Drop-Forged Chain Pipe Vises



An unbreakable vise made entirely of wrought steel with drop-forged jaws, base and handle. Jaws are saw tempered for file sharpening. Serviceable upon and suitable for fastening to bench or post.

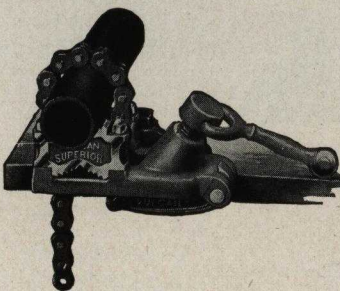
Standard finish, jaws have bright face around panel.

Packed in individual boxes; 6 of size Nos. 1 and 2 in a carton.

No.	Complete Each	Jaws per Pr.	Chain with Screw Each	Screw Each	Handle with Nut Each	Nut Each	Capacity Pipe Inches	Approx. Size Folded Inches	Approx. Wt. Lb.
1	\$7.00	\$3.00	\$2.50	\$0.80	\$2.20	\$1.40	$\frac{1}{8}$ -2	4x 5x 6	4
2	15.00	7.00	4.80	1.40	4.20	2.70	$\frac{1}{4}$ -4	6x 8x 8	10
3	27.00	12.00	9.00	2.50	7.00	4.00	$\frac{1}{2}$ -6	8x 9x11	18
4	36.00	18.00	12.00	2.50	7.00	4.00	$\frac{1}{2}$ -8	8x10x12	30

*Will grip pipe fittings not larger in diam. than 2 $\frac{1}{2}$ -in. pipe.

Williams' Vulcan Superior Chain Pipe Vises



Drop-Forged Reversible Jaws

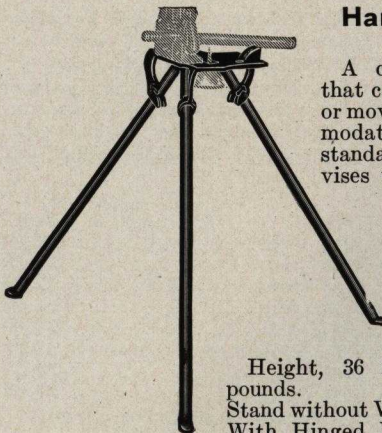
Handle is on top where it is easy to operate. Jaws are reversible—unscrew bolts and turn jaws over when teeth wear. Wrought steel.

Shot-blasted finish, orange panel in jaw.

No.	Each	Jaws per Pr.	Chain Each	Screw Each	Hdle. & Screw Each	Chain Arm Each	For Pipe Size Inches	Wt. Lb.
11	\$10.00	\$3.30	\$2.00	\$1.00	\$2.35	\$1.20	$\frac{1}{8}$ -2 $\frac{1}{2}$	7
12	19.00	7.70	3.60	1.45	3.50	1.85	$\frac{1}{4}$ -4 $\frac{1}{2}$	15

Handy Andy Vise Stands

A compact, rigid stand that can be instantly placed or moved. Made to accommodate without drilling all standard hinged or chain vises up to 2 $\frac{1}{2}$ -inch capacity, also for bending pipe. Legs automatically lock when in use and fold together when carried from place to place. No separate parts.



Height, 36 inches. Weight, 32 pounds.

Stand without Vise.....each \$18.00
With Hinged Vise.....each 23.00